

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061721\
 Data File : VD069487.D
 Acq On : 17 Jun 2021 18:41
 Operator : VA/SY
 Sample : M2735-01
 Misc : 6.59G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jun 18 01:28:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061121S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 11 12:50:13 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

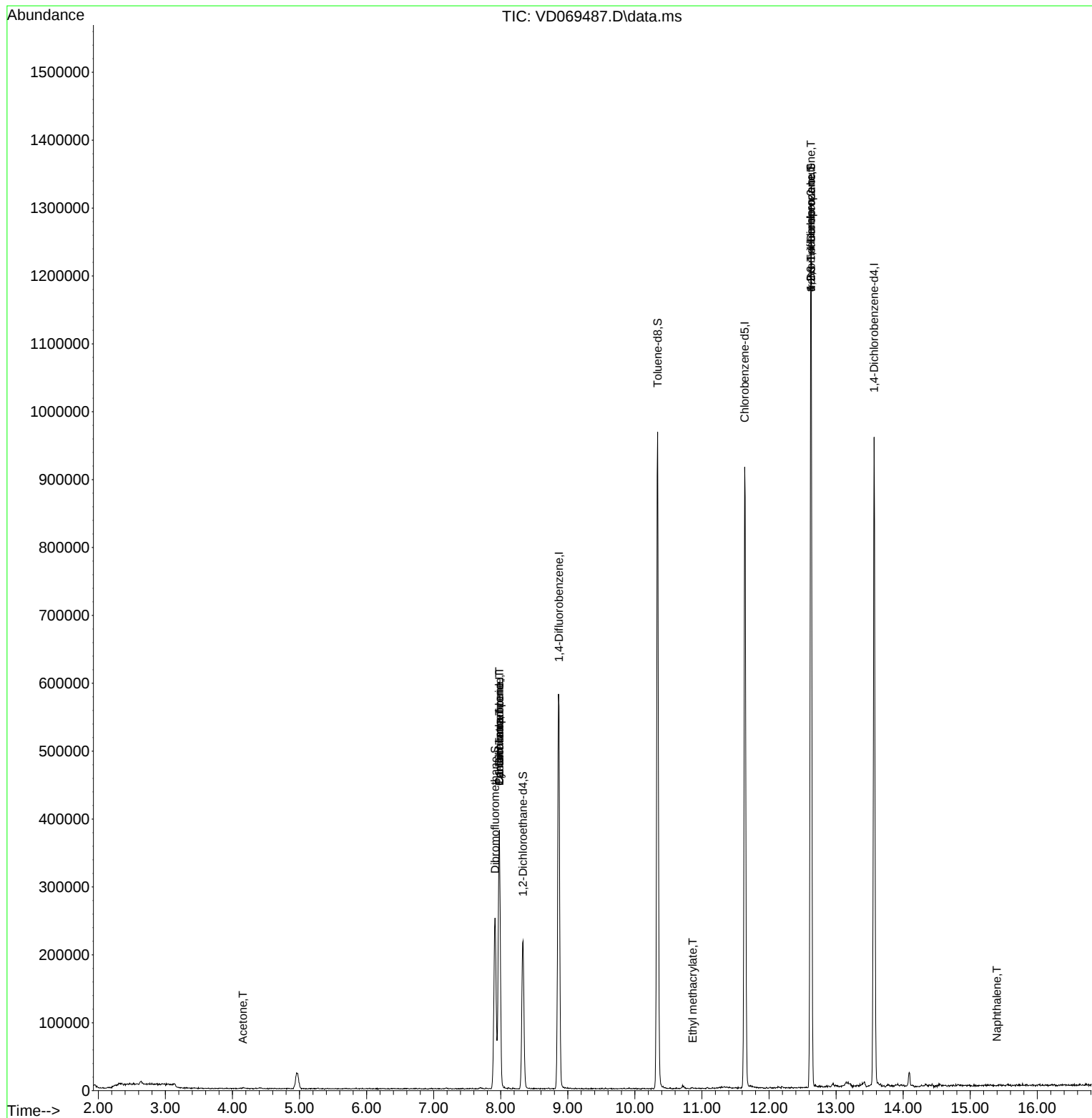
Internal Standards						
1) Pentafluorobenzene	7.979	168	279209	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	512960	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	557012	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	258461	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	173102	54.954	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.900%			
35) Dibromofluoromethane	7.914	113	184466	48.012	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 96.020%			
50) Toluene-d8	10.338	98	668970	47.606	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 95.220%			
62) 4-Bromofluorobenzene	12.626	95	253440	56.209	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 112.420%			
Target Compounds						
5) Bromomethane	2.774	94	184	Below Cal	#	37
16) Acetone	4.156	43	1568	3.007	ug/l #	83
18) Methyl Acetate	4.797	43	72	Below Cal	#	46
20) Methylene Chloride	4.973	84	19299	Below Cal		89
31) Cyclohexane	7.979	56	6018	1.406	ug/l #	20
36) 1,1-Dichloropropene	7.979	75	22288	4.173	ug/l #	48
38) Carbon Tetrachloride	7.979	117	29821	5.154	ug/l #	14
56) Ethyl methacrylate	10.861	69	145	2.863	ug/l #	77
76) 1,2,3-Trichloropropane	12.626	75	127563	48.682	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	127563	129.870	ug/l #	19
95) Naphthalene	15.396	128	494	3.622	ug/l #	69

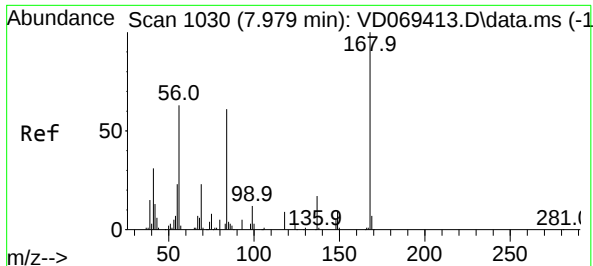
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 18 01:28:39 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061121S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 11 12:50:13 2021
Response via : Initial Calibration

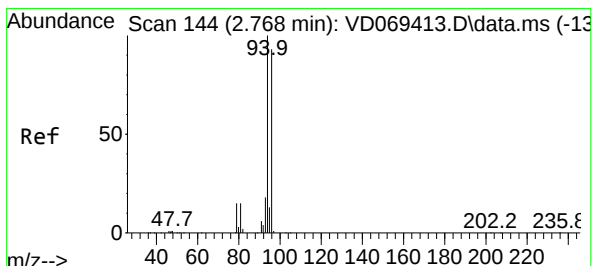
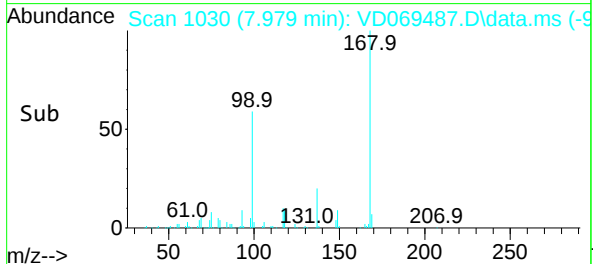
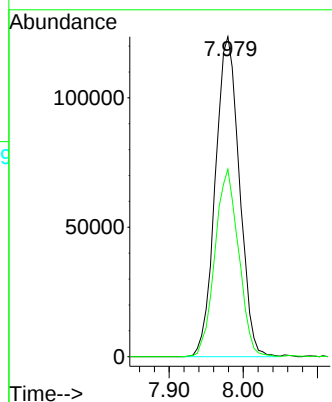
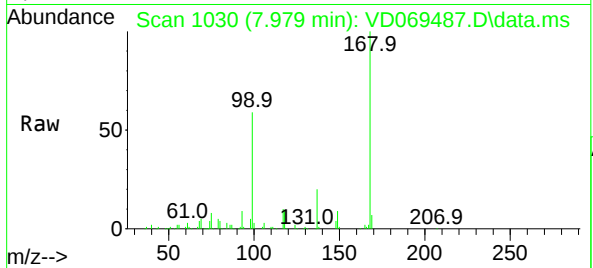




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069487.D
Acq: 17 Jun 2021 18:41

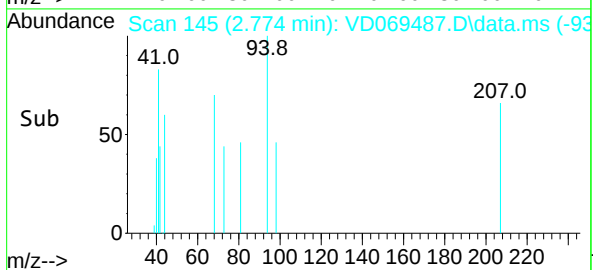
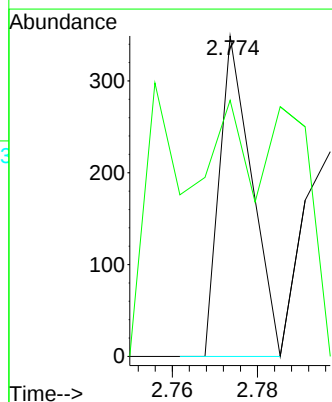
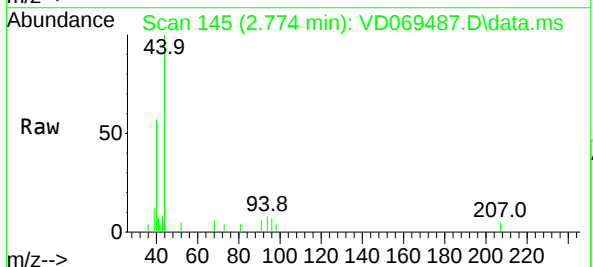
Instrument :
MSVOA_D
ClientSampled :

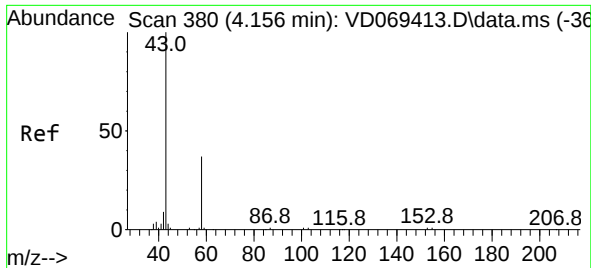
Tgt Ion:168 Resp: 279209
Ion Ratio Lower Upper
168 100
99 58.5 46.2 69.2



#5
Bromomethane
Concen: Below Cal
RT: 2.774 min Scan# 145
Delta R.T. 0.006 min
Lab File: VD069487.D
Acq: 17 Jun 2021 18:41

Tgt Ion: 94 Resp: 184
Ion Ratio Lower Upper
94 100
96 29.5 70.3 105.5#

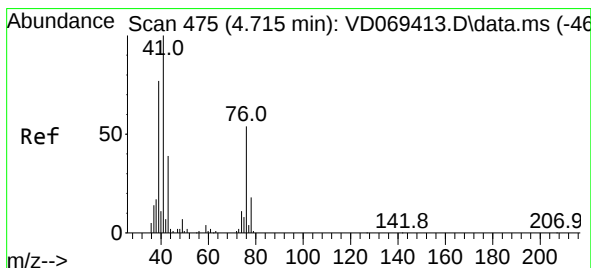
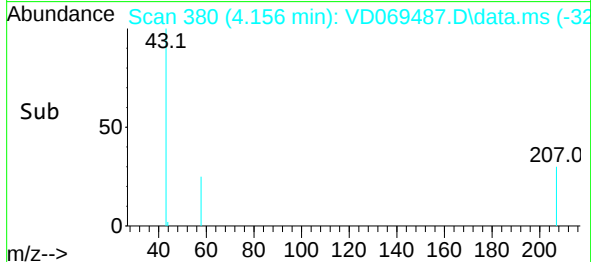
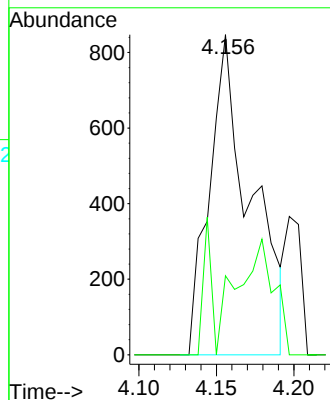
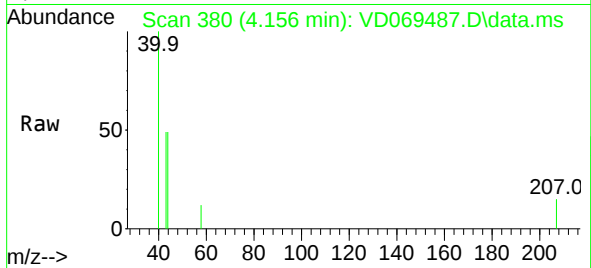




#16
Acetone
Concen: 3.007 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD069487.D
Acq: 17 Jun 2021 18:41

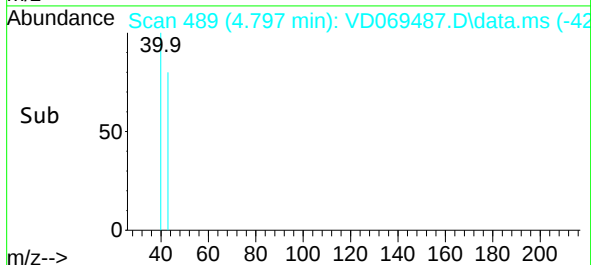
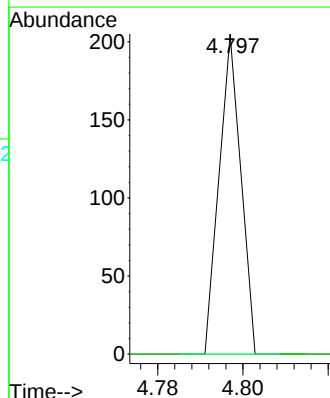
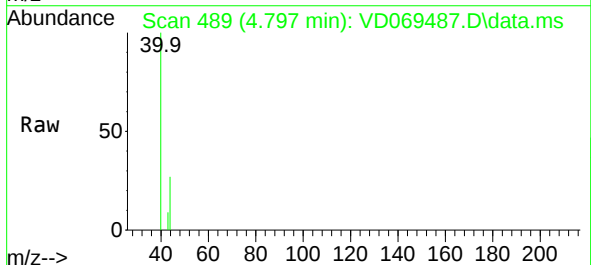
Instrument :
MSVOA_D
ClientSampleId :

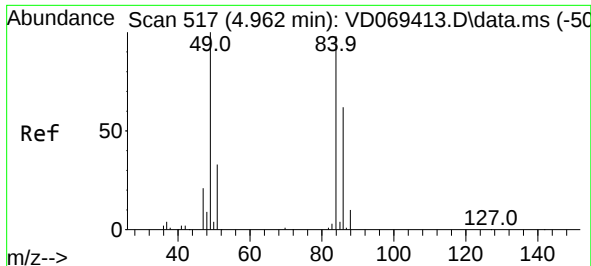
Tgt Ion: 43 Resp: 1568
Ion Ratio Lower Upper
43 100
58 24.7 27.5 41.3#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.797 min Scan# 489
Delta R.T. 0.082 min
Lab File: VD069487.D
Acq: 17 Jun 2021 18:41

Tgt Ion: 43 Resp: 72
Ion Ratio Lower Upper
43 100
74 0.0 22.8 34.2#





#20

Methylene Chloride

Concen: Below Cal

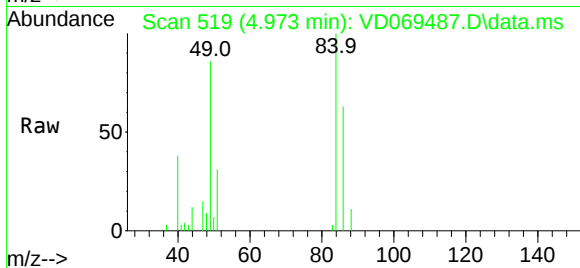
RT: 4.973 min Scan# 519

Delta R.T. 0.011 min

Lab File: VD069487.D

Acq: 17 Jun 2021 18:41

Instrument :
MSVOA_D
ClientSampled :



Tgt Ion: 84 Resp: 19299

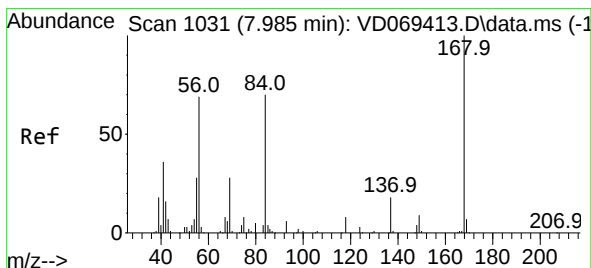
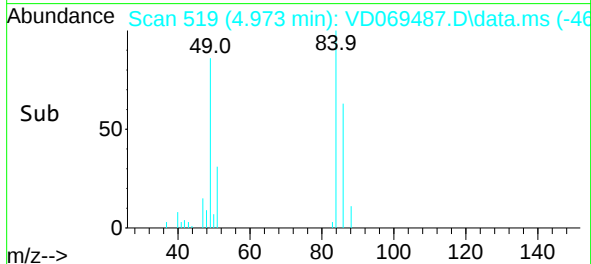
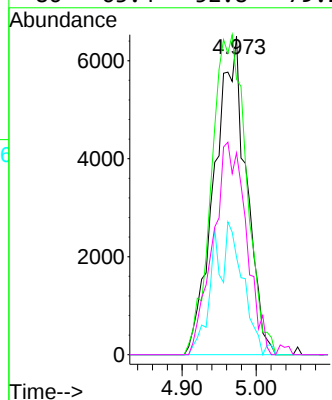
Ion Ratio Lower Upper

84 100

49 86.5 83.7 125.5

51 30.6 26.4 39.6

86 63.4 52.8 79.2



#31

Cyclohexane

Concen: 1.406 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD069487.D

Acq: 17 Jun 2021 18:41

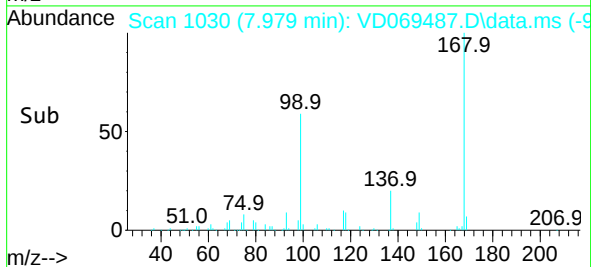
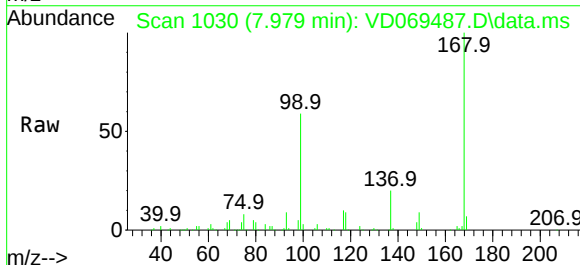
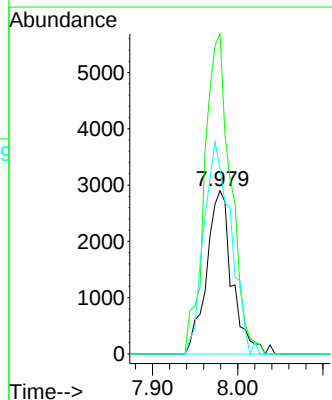
Tgt Ion: 56 Resp: 6018

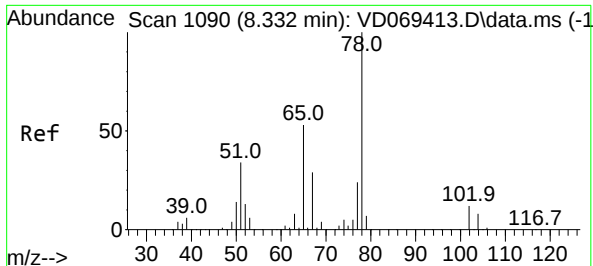
Ion Ratio Lower Upper

56 100

69 196.0 29.0 43.4#

84 113.4 81.1 121.7



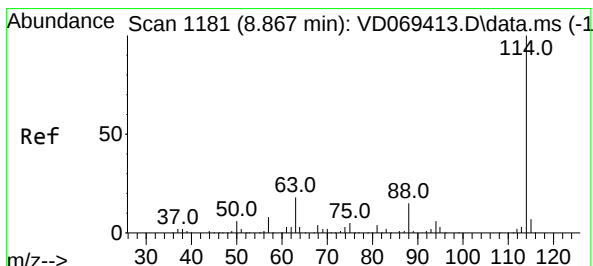
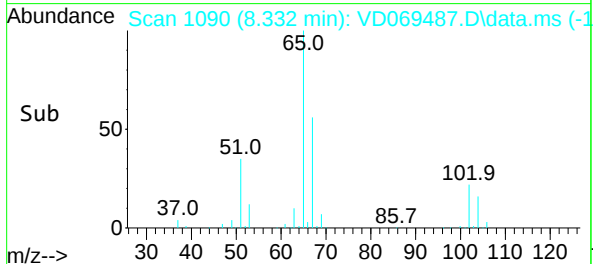
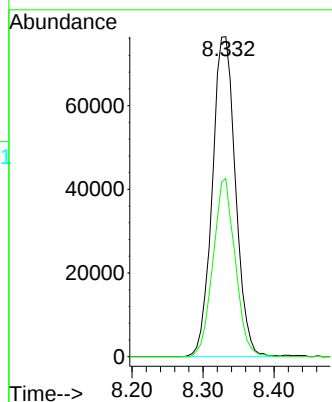
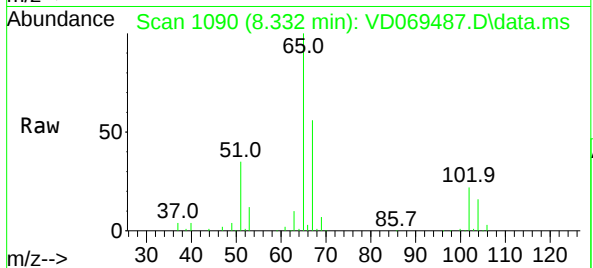


#33

1,2-Dichloroethane-d4
Concen: 54.954 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069487.D
Acq: 17 Jun 2021 18:41

Instrument :
MSVOA_D
ClientSampled :

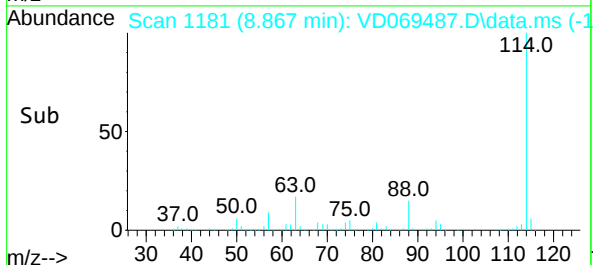
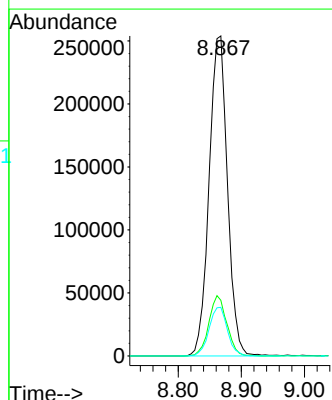
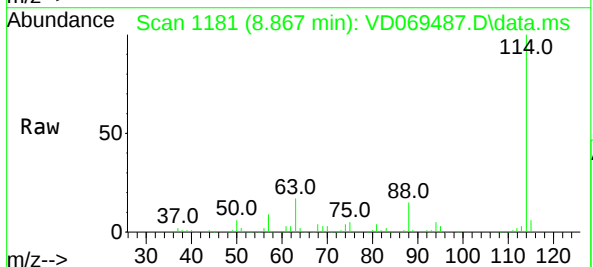
Tgt Ion: 65 Resp: 173102
Ion Ratio Lower Upper
65 100
67 53.3 0.0 105.8

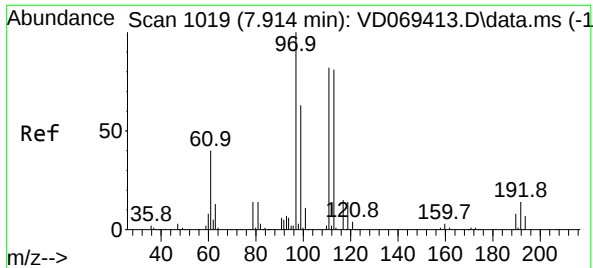


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069487.D
Acq: 17 Jun 2021 18:41

Tgt Ion: 114 Resp: 512960
Ion Ratio Lower Upper
114 100
63 17.4 0.0 35.6
88 15.2 0.0 31.2

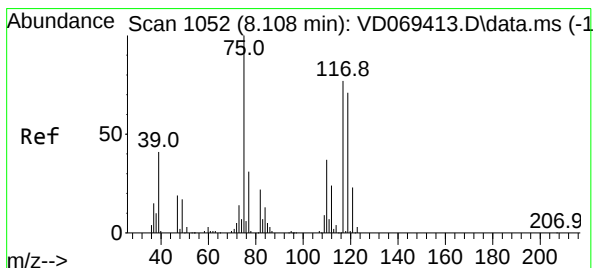
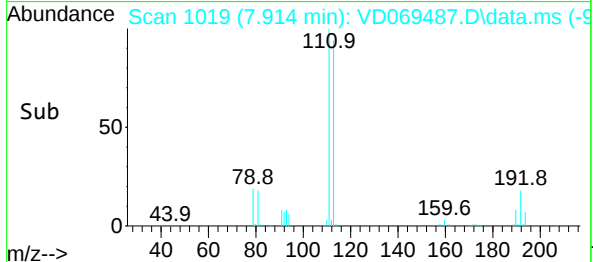
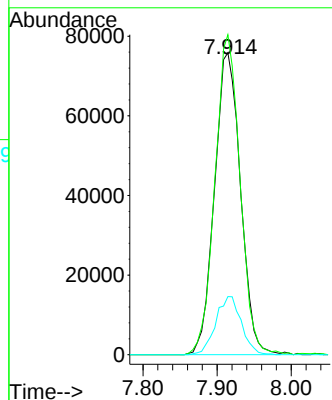
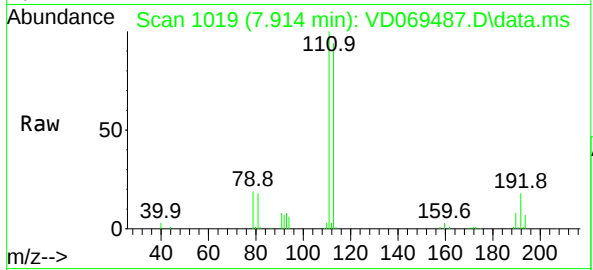




#35
Dibromofluoromethane
Concen: 48.012 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069487.D
Acq: 17 Jun 2021 18:41

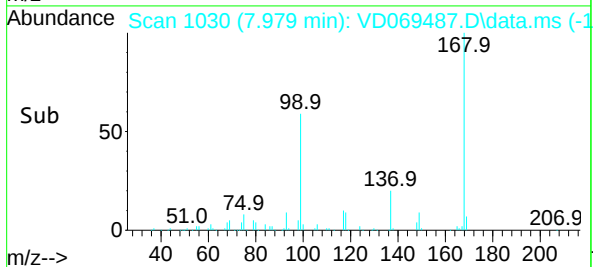
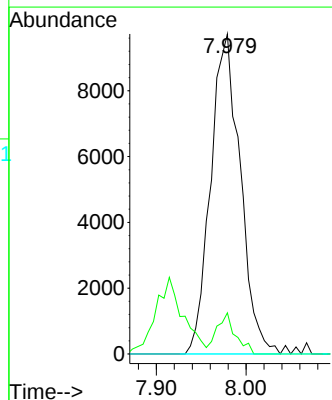
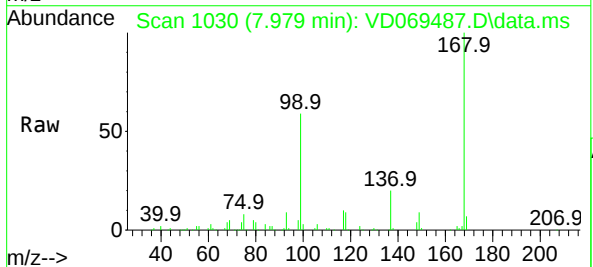
Instrument :
MSVOA_D
ClientSampleId :

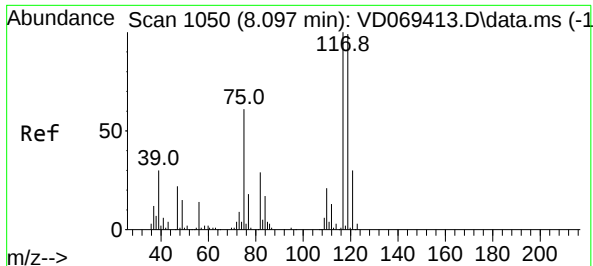
Tgt Ion:113 Resp: 184466
Ion Ratio Lower Upper
113 100
111 102.6 83.0 124.6
192 19.0 15.1 22.7



#36
1,1-Dichloropropene
Concen: 4.173 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD069487.D
Acq: 17 Jun 2021 18:41

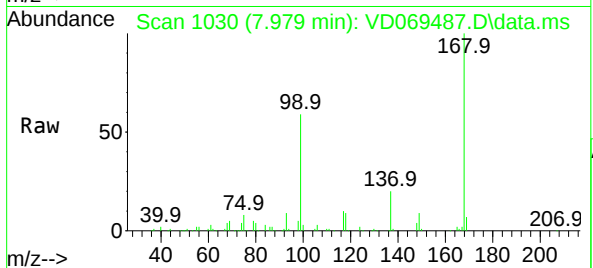
Tgt Ion: 75 Resp: 22288
Ion Ratio Lower Upper
75 100
110 8.1 18.4 55.2#
77 0.0 24.9 37.3#



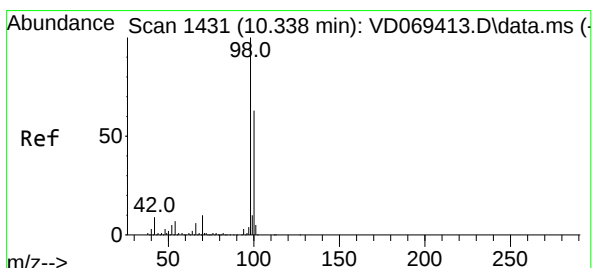
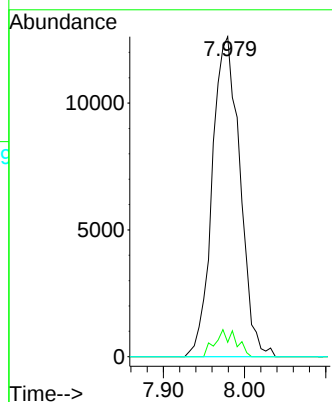
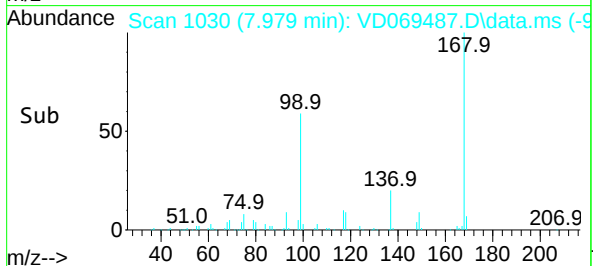


#38
Carbon Tetrachloride
Concen: 5.154 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD069487.D
Acq: 17 Jun 2021 18:41

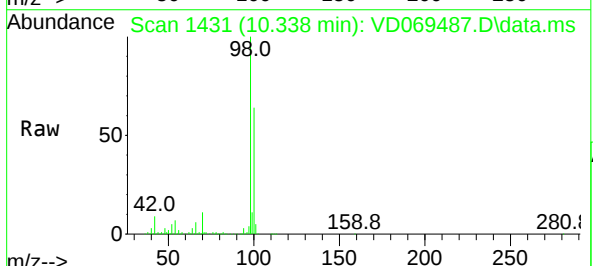
Instrument :
MSVOA_D
ClientSampleId :



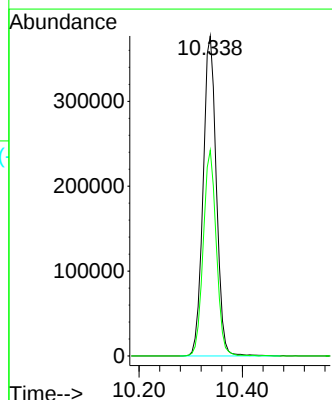
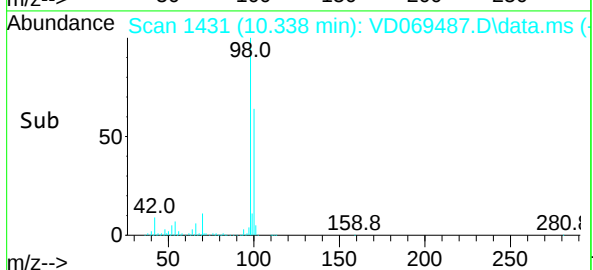
Tgt Ion:117 Resp: 29821
Ion Ratio Lower Upper
117 100
119 4.5 79.4 119.2#
121 0.0 26.1 39.1#

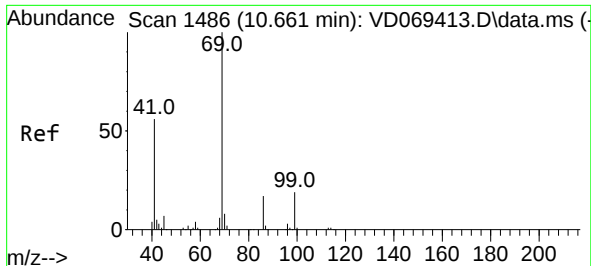


#50
Toluene-d8
Concen: 47.606 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069487.D
Acq: 17 Jun 2021 18:41



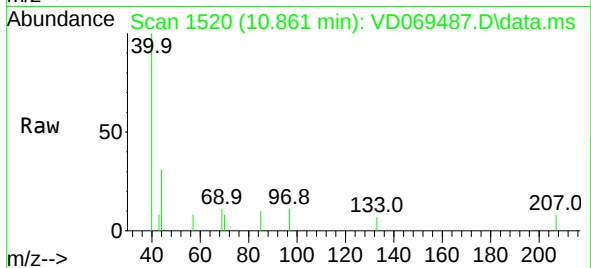
Tgt Ion: 98 Resp: 668970
Ion Ratio Lower Upper
98 100
100 63.5 52.1 78.1



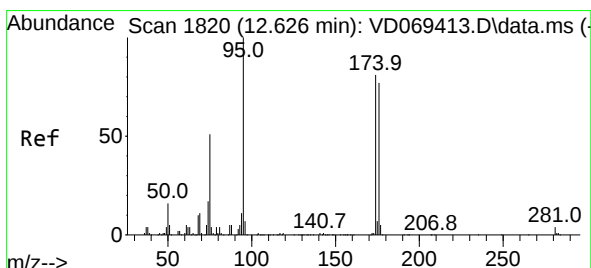
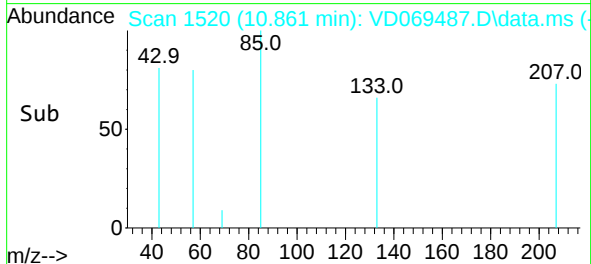
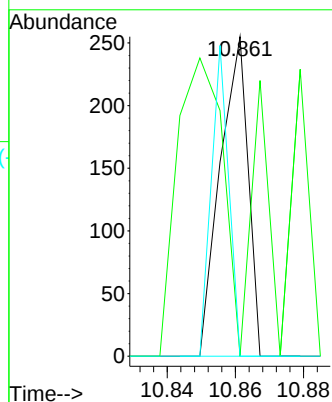


#56
Ethyl methacrylate
Concen: 2.863 ug/l
RT: 10.861 min Scan# 1520
Delta R.T. 0.200 min
Lab File: VD069487.D
Acq: 17 Jun 2021 18:41

Instrument :
MSVOA_D
ClientSampled :

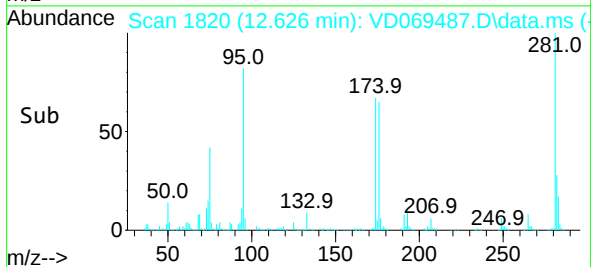
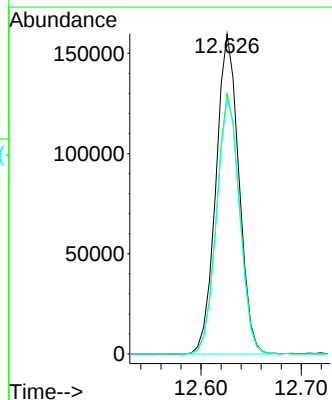
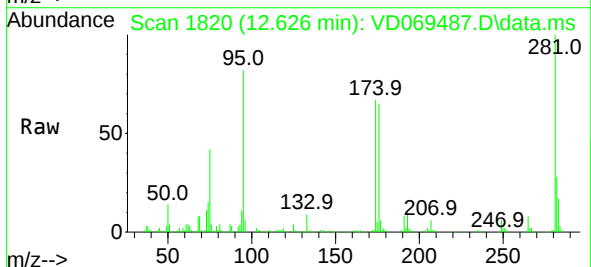


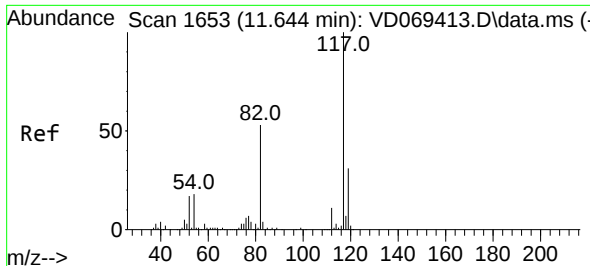
Tgt Ion:	69	Resp:	145
Ion	Ratio	Lower	Upper
69	100		
41	53.8	45.4	68.2
39	60.0	21.7	32.5#



#62
4-Bromofluorobenzene
Concen: 56.209 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069487.D
Acq: 17 Jun 2021 18:41

Tgt Ion:	95	Resp:	253440
Ion	Ratio	Lower	Upper
95	100		
174	81.8	0.0	162.8
176	80.2	0.0	154.4

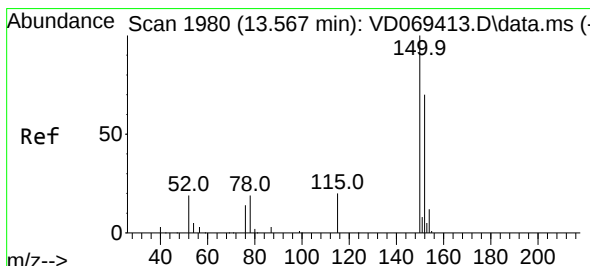
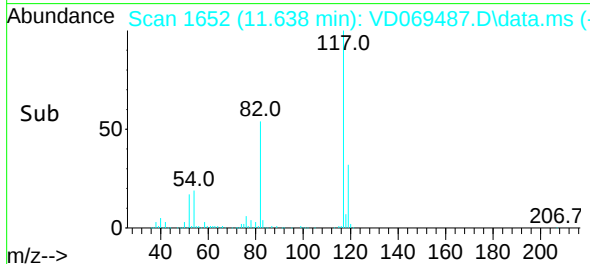
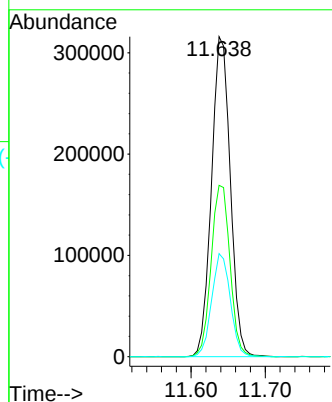
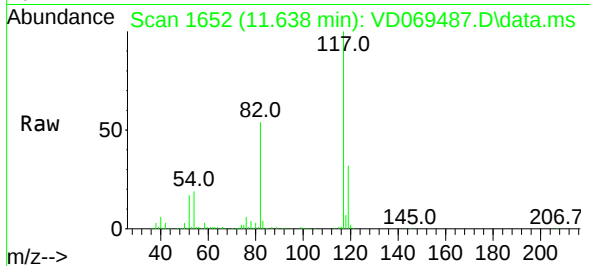




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.006 min
Lab File: VD069487.D
Acq: 17 Jun 2021 18:41

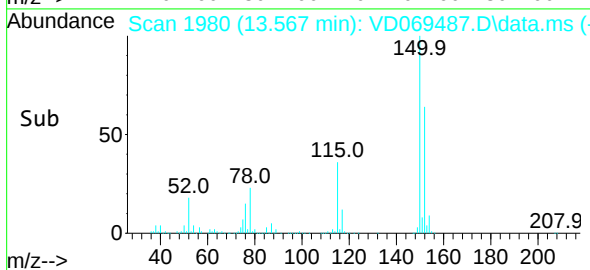
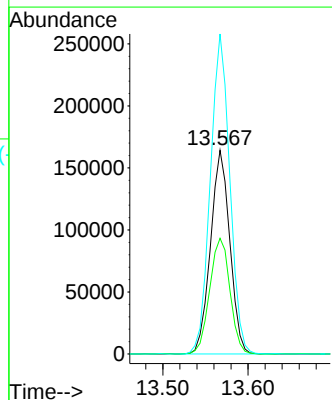
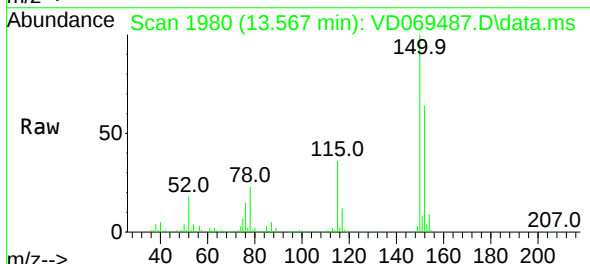
Instrument :
MSVOA_D
ClientSampleId :

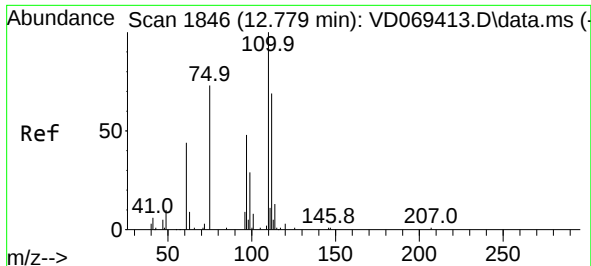
Tgt Ion:117 Resp: 557012
Ion Ratio Lower Upper
117 100
82 53.5 43.3 64.9
119 32.2 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD069487.D
Acq: 17 Jun 2021 18:41

Tgt Ion:152 Resp: 258461
Ion Ratio Lower Upper
152 100
115 59.6 29.4 88.3
150 158.1 0.0 355.0

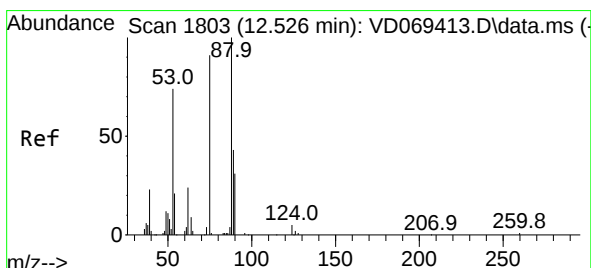
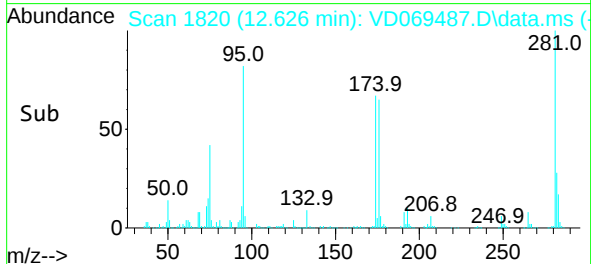
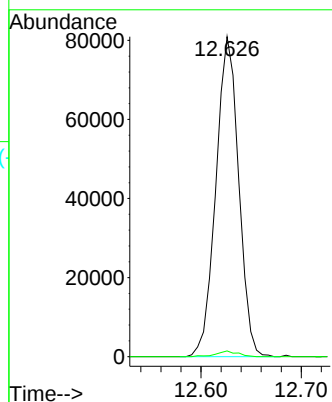
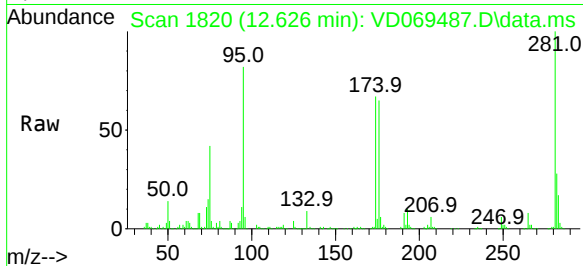




#76
1,2,3-Trichloropropane
Concen: 48.682 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.153 min
Lab File: VD069487.D
Acq: 17 Jun 2021 18:41

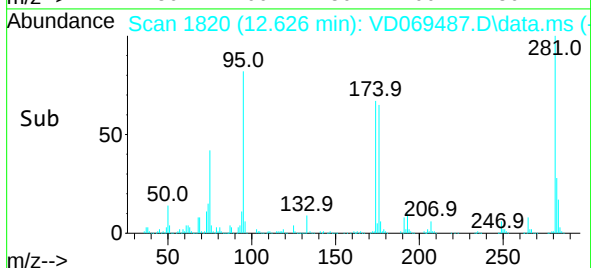
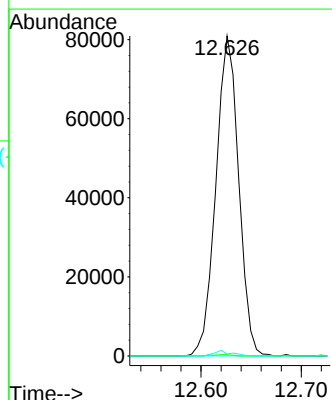
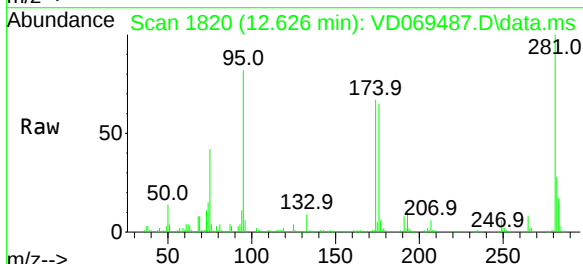
Instrument :
MSVOA_D
ClientSampleId :

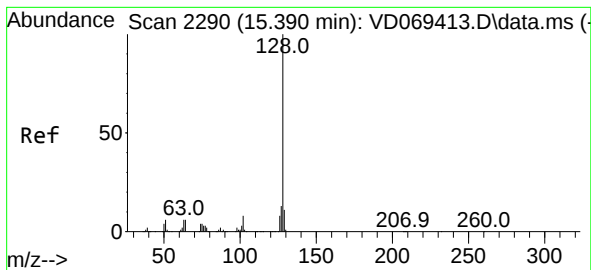
Tgt Ion: 75 Resp: 127563
Ion Ratio Lower Upper
75 100
77 1.7 183.8 551.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 129.870 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.100 min
Lab File: VD069487.D
Acq: 17 Jun 2021 18:41

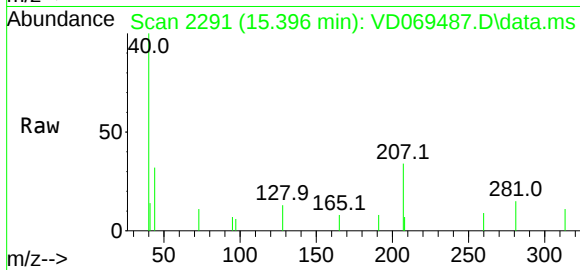
Tgt Ion: 75 Resp: 127563
Ion Ratio Lower Upper
75 100
53 0.3 62.6 94.0#
89 1.3 35.6 53.4#





#95
Naphthalene
Concen: 3.622 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.006 min
Lab File: VD069487.D
Acq: 17 Jun 2021 18:41

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:	128	Resp:	494
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.4	15.6#
129	0.0	8.8	13.2#

